

L-rhamnose, TMS diethyldithioacetal derivative

Inchi: InChI=1S/C22H54O4S2Si4/c1-16-27-22(28-17-2)21(26-32(13,14)15)20(25-31(10,11)12)
InchiKey: FDQKJJZYIDIVAO-CGXNFDGLSA-N
Formula: C22H54O4S2Si4
SMILES: CCSC(SCC)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C)O[Si](C)(C)C
Mol. weight [g/mol]: 559.13

Physical Properties

Property code	Value	Unit	Source
log10ws	1.59		Crippen Method
logp	7.719		Crippen Method
rinpol	2193.00		NIST Webbook
rinpol	2193.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R502884&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/116-927-4/L-rhamnose-TMS-diethyldithioacetal-derivative.pdf>

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